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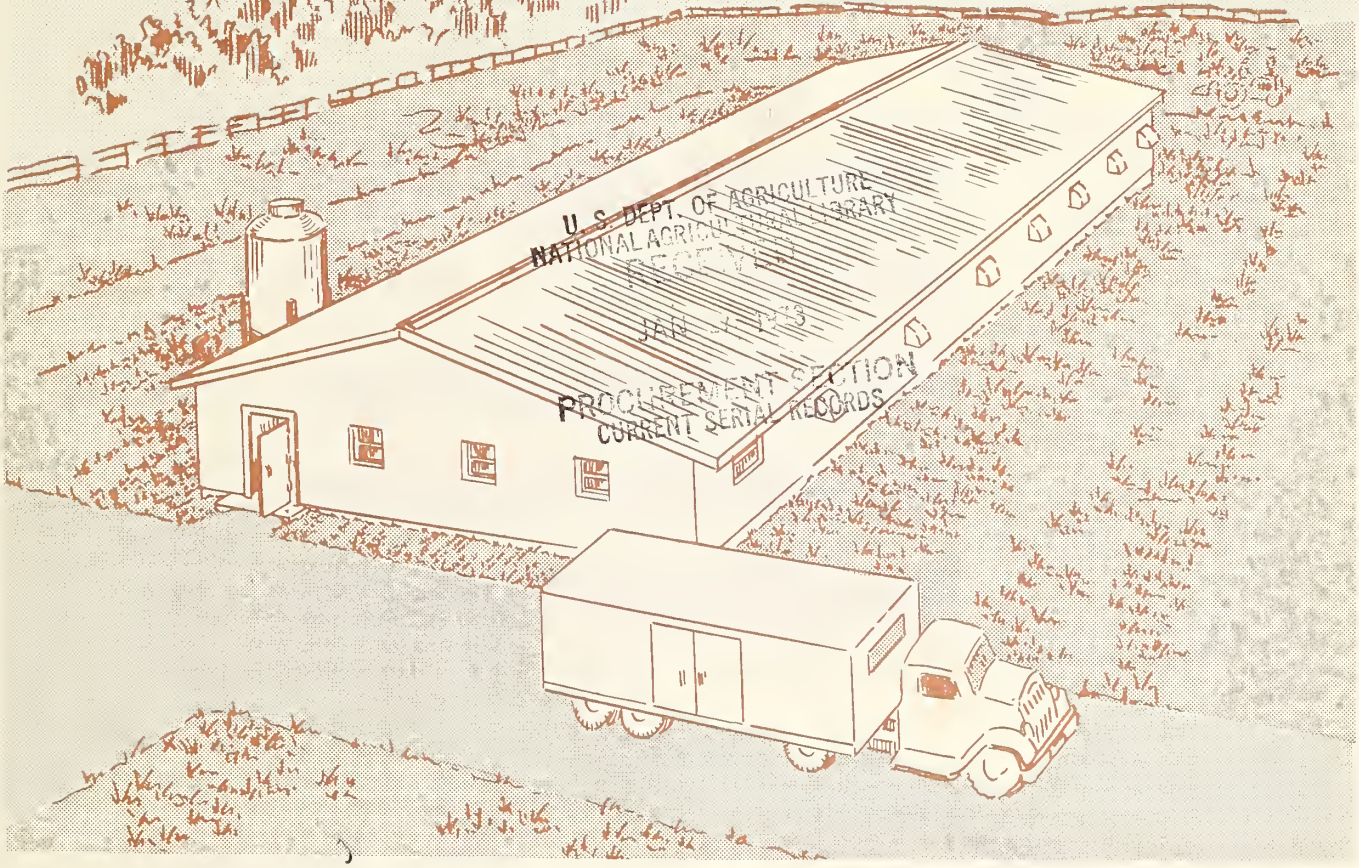
POULTRY HOUSE
caged layers

COOPERATIVE FARM BUILDING
Plan No. 6131
(3 SHEETS)
PLAN EXCHANGE



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CURRENT SERIAL RECORDS

The control of environmental extremes in poultry housing has produced drastic changes in management systems for laying hens. The number of birds per foot of house has been doubled with reduced stress on the birds, increasing both quality and quantity of eggs.

This insulated windowless, 38-foot-wide house has a capacity of 60 birds per foot of length. The length can be varied in increments of 8 feet according to the size of flock desired and the maximum capacity of the mechanical equipment installed.

The clear-span roof trusses will support a total load not exceeding 35 pounds per square foot. They will support suspended cages and poultry up to a total of 300 pounds per joint on the bottom chord. The working drawings include construction details for the trusses, which use exterior-type plywood gusset plates glued and nailed to the chord and web members. Gluing is critical and must be done strictly in accordance with the manufacturer's directions. Commerical fabricated trusses may be substituted, if desired.

Positive ventilation is provided by thermostatically controlled exhaust fans. A continuous adjustable slot inlet, under the eaves, can be adjusted to direct the incoming air along the ceiling in cold weather or along walls and ceiling in warm weather. An adequate size standby generator for ventilation fans is suggested in case of power failure.

Working drawings may be obtained from the extension agricultural engineer at your State university. There may be a small charge to cover cost of printing.

If you do not know the location of your State university, send your request to Agricultural Engineer, Extension Service, U.S. Department of Agriculture, Washington, D.C. 20250. He will forward your request to the correct university.

ORDER PLAN NO. 6131, POULTRY HOUSE, CAGED LAYERS.

Washington, D.C.
Issued January 1973

UNITED STATES DEPARTMENT OF AGRICULTURE Miscellaneous Publication No. 1257

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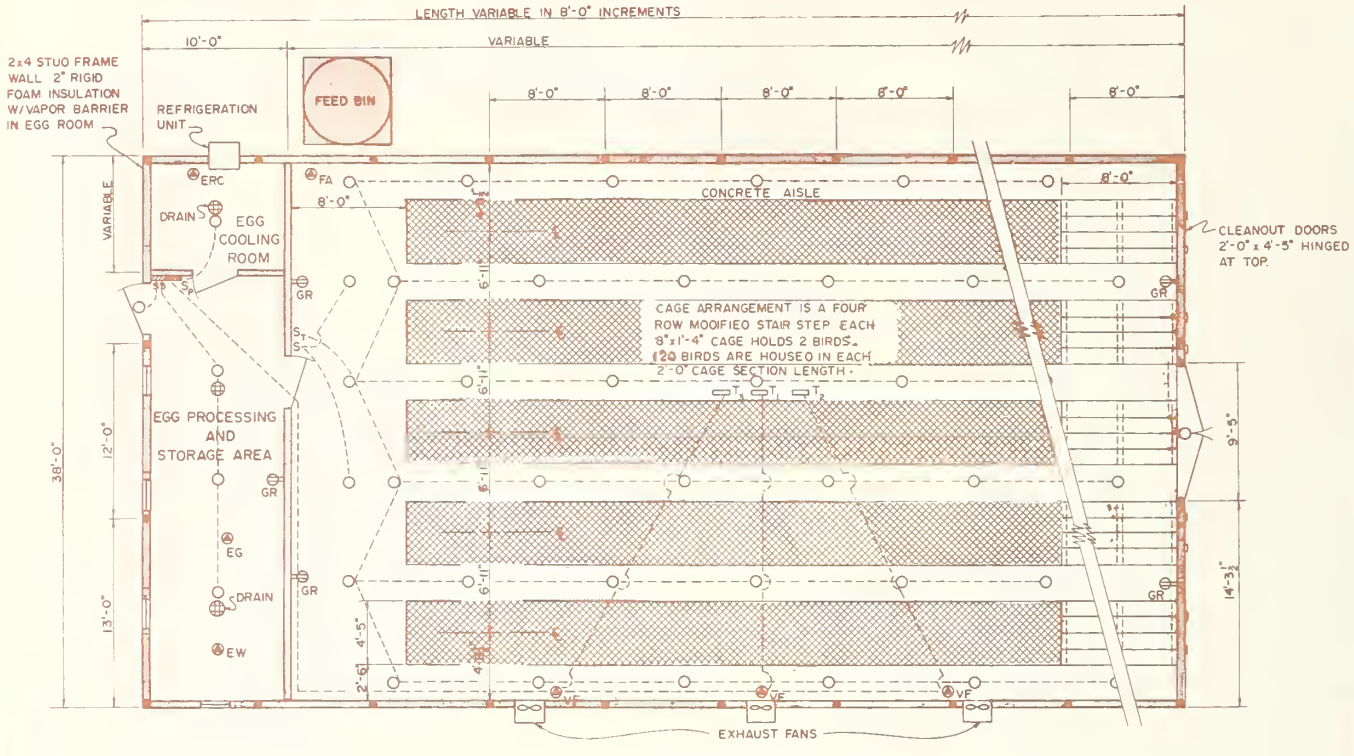
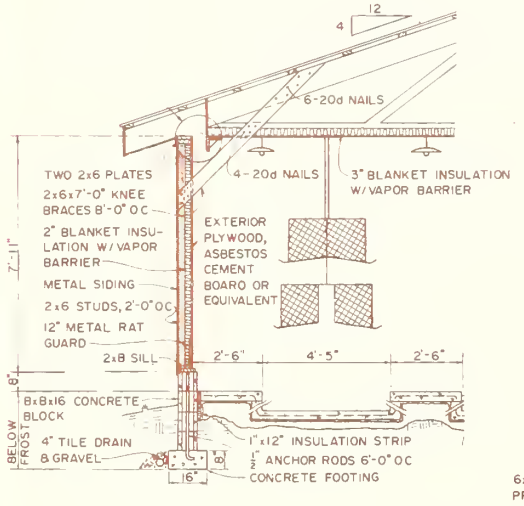
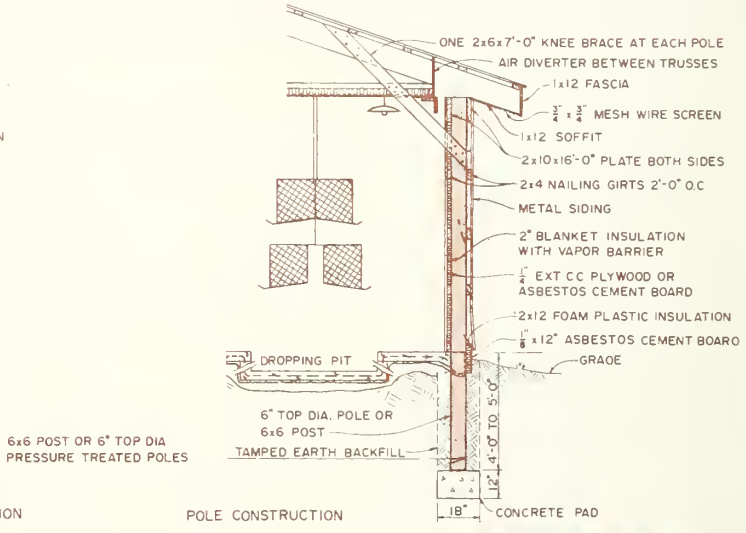


FLOOR PLAN



FRAME CONSTRUCTION



6x6 POST OR 6" TOP DIA PRESSURE TREATED POLES

POLE CONSTRUCTION

PLAN NO. 6131

GPO : 1972 OL—479-934